

GEO-PHYSICAL WELL ELECTROLOGGING REPORT

Re No – 1824

Date- 06/01/2023

NAME OF SITE

GORA KALAN

MAHEVA

JALAUN

NAME OF AGENCY

ABHISHEK SHARMA

JALAUN

M/S MAHALAXMI TUBE WELL

CONSTRUCTION OF DEEP AND SHALLOW TUBEWELL, WELL ELECTRO-
LOGGING AND DEVELOPMENT OF TUBE WELL BY AIR COMPRESSUR

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ISO; 9001:2015

M/S MAHALAXMI TUBE WELL

Geophysical Well Logging Report

Ref No - 1824

Date- 06/01/2023

Site Location :- Gora Kalan Mahewa Jalaun

District :- Jalaun

Logged Depth :- 100 M BGL

Date of Logging :- 05/01/2023

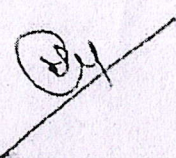
Types of Log :- S.P & Resistivity

Logger used :- IGIS

The following permeable granular zones have been deciphered with the help of Electrical Logger.

Depth Range From M.B.G.L	Depth Range M.B.G.L	Thickness Mtrs.	Inferred Lithology	Quality of G.W.
0	44	44	Surface Clay Kankar	
44	77	33	Fine to medium sand	Good
77	81	04	Sandy clay kankar	
81	94	13	Fine to medium sand	Good

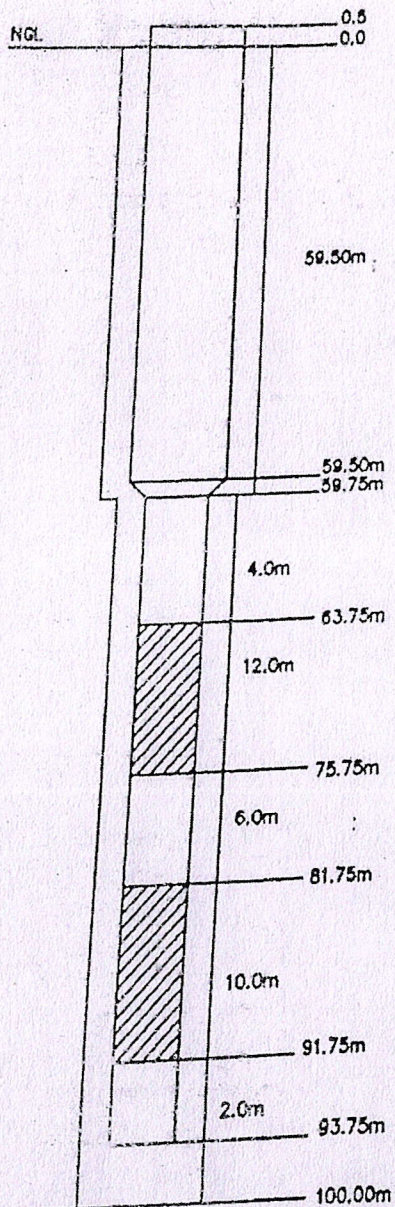
Note - All zones intermixed with fine bands of kankar.


M/s Mahalaxmi Tubewell

PROPOSED ASSEMBLY CHART OF TUBEWELL

NAME OF SCHEME :- GORA KALAN GP WSS
 NAME OF SITE :- GORA KALAN
 BLOCK :- MAHEWA
 NAME OF COMPANY :- BGCCPL
 TYPE OF RIG M/C :- D.C.

DISTRICT :- JALPAIGURI (ORAI)
 SIZE OF BORE :- 600 X 450 MM
 SIZE OF ASSEMBLY :- 200 X 150 MM
 SPRING WATER LEVEL :-MTR



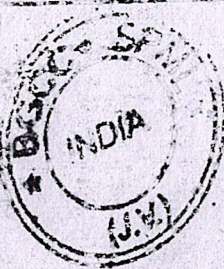
LOGGING DATE:- 05/01/2023			
LPM REQUIRED:-100.2			
Sr.N	Depth Range (M)	Thickness (M)	Remark
1			0000
2	44 TO 77	33	
3	81 TO 94	13	
4			
5			
6			
7			
8			
9			
10			

Abstract

1. Drilling completed on dt.....
2. Lowering on Dt.....
3. Drilling DepthM
4. 200 mm Dia Housing pipe.....M
5. 200x150 mm Dia reducer...0.25M
6. 150 mm Dia Plain pipe.....M
7. 150 mm Dia Slotted Pipe.....M
8. Total Assy. Length.....M
9. Peg Gravel Quality.....

Proposed By		RECOMMENDED BY		APPROVED BY	
		JR. ENGINEER		EXECUTIVE ENGINEER	
		ASS. ENGINEER			

YIELD TEST REPORT

NAME OF SCHEME		Tube well scheme		
LOCATION OF T/W		Goregaon Kalam		
REQUIRED DISCHARGE AS PER SCHEME				
DATE OF TESTING				
TASTE OF WATER		Sweet		
PHYSICAL WATER QUALITY		Good		
S. No.	S.W.L. IN MTR.	R.W.L. IN MTR.	DEPRESSION IN MTR.	DISCHARGE IN LPM
	16	19	3	1310
REMARKS:-				
RECOMMENDED DISCHARGE				
 BGEC		NAME OF SWSM/JALNIGAM /PMC/TPI ENGINEER		SIGNATURE OF SWSM/JALNIGAM /PMC/TPI ENGINEER

YIELD TEST REPORT BT 250 P.S.I COMPRESSOR

DATE OF TEST:- 14/1/23		STATIC W/L		TEST OF WATER								
Village:- Goota kabam												
DISCHARGE		ST. PR.	RU PR	Depre		SAND CONTENTS		10 MIN	15 MIN	20 MIN	25 MIN	REMARKS
BWC	LPM	KG/CM ²	KG/CM ²	KG	MTR	START	5 MIN					
		5.80	5.30	0.50	5.00	3500	3000	2000	1650	800		
		8.80	8.10	0.50	5.00	4100	3600	2400	1800	900		
		9.40	8.40	6.80	7.00	4200	3800	2600	2050	1100		
		11.40	11.30	8.00	8.10	4600	4200	2800	2100	1300		

Note: Recommended for further development by O.P. Unit.

